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QM protein - protein search, using sw model

Run on January 16, 2003, 16:45:27 / Search time 5.75714 seconds
(without alignments)
32.360 Million cell updates/sec

Title: US-09-856-070-23

Perfect score: 55

Sequence: 1 ELMRLQDYEE 11

Scoring table: BLOSUM62

Gapop 10.0, Gapext 0.5

Searched: 120991 seqs, 19878514 residues

Total number of hits satisfying chosen parameters: 120991

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 6%

Maximum Match 100%

Listing first 45 summaries

Database: Published Applications_AA:*

- 1: /cgn2_6/ptdata/2/pubaa/us06_NEW_PUB.pep.*
- 2: /cgn2_6/ptdata/2/pubaa/US06_NEW_PUB.pep.*
- 3: /cgn2_6/ptdata/2/pubaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptdata/2/pubaa/US06_PUBTIME.pep.*
- 5: /cgn2_6/ptdata/2/pubaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptdata/2/pubaa/US07_PUBTIME.pep.*
- 7: /cgn2_6/ptdata/2/pubaa/US08_PUBCOMH.pep.*
- 8: /cgn2_6/ptdata/2/pubaa/US08_PUBCOMH.pep.*
- 9: /cgn2_6/ptdata/2/pubaa/US08_NEW_PUB.pep.*
- 10: /cgn2_6/ptdata/2/pubaa/US09_PUBCOMH.pep.*
- 11: /cgn2_6/ptdata/2/pubaa/US10_NEW_PUB.pep.*
- 12: /cgn2_6/ptdata/2/pubaa/US10_PUBCOMH.pep.*
- 13: /cgn2_6/ptdata/2/pubaa/US10_NEW_PUB.pep.*
- 14: /cgn2_6/ptdata/2/pubaa/US10_PUBCOMH.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	55	100.0	635	10	US-09-856-299-896
2	39	73.9	57	10	US-09-864-761-44065
3	34	61.8	333	10	US-09-828-313-33
4	34	61.8	405	10	US-09-863-475A-8
5	33	60.0	46	10	US-09-864-761-45608
6	33	60.0	236	10	US-09-847-412-2
7	33	60.0	236	9	US-09-738-626-6077
8	33	60.0	721	12	US-10-025-187-2
9	32	59.1	149	10	US-09-904-536-20
10	32	58.2	216	9	US-09-745-764-4
11	32	58.2	912	9	US-09-865-760-2
12	32	58.2	3353	10	US-09-868-615-64
13	31	56.4	39	10	US-09-864-761-48038
14	31	56.4	81	10	US-09-864-761-34751
15	31	56.4	86	10	US-09-864-761-34118
16	31	56.4	95	10	US-09-864-761-48467
17	31	56.4	163	10	US-09-844-680-420
18	31	56.4	166	10	US-09-934-868-48
19	31	56.4	181	10	US-09-867-550-1304

20	56.4	234	9	US-10-063-547-14	Sequence 14, Appl
21	56.4	234	9	US-10-174-590-66	Sequence 66, Appl
22	56.4	234	9	US-10-176-758-66	Sequence 66, Appl
23	56.4	234	12	US-10-066-867-14	Sequence 14, Appl
24	56.4	234	12	US-10-052-586-66	Sequence 66, Appl
25	56.4	334	10	US-09-825-299-942	Sequence 932, Appl
26	56.4	335	10	US-09-815-242-5810	Sequence 5810, Appl
27	56.4	343	10	US-09-815-242-1298	Sequence 12981, A
28	56.4	343	10	US-09-815-242-13150	Sequence 13150, A
29	56.4	452	4	US-09-768-626-6891	Sequence 6891, Appl
30	56.4	374	10	US-09-925-302-711	Sequence 711, Appl
31	56.4	384	10	US-09-758-498-3	Sequence 3, Appl
32	56.4	395	10	US-09-758-498-1	Sequence 1, Appl
33	56.4	412	10	US-09-925-300-1587	Sequence 1587, Appl
34	56.4	525	9	US-10-002-344A-201	Sequence 201, Appl
35	56.4	663	10	US-09-815-242-11869	Sequence 11869, A
36	56.4	745	10	US-09-815-242-12269	Sequence 12269, A
37	56.4	34	10	US-09-864-761-4882	Sequence 34882, A
38	56.4	40	10	US-09-864-761-44760	Sequence 44760, A
39	56.4	76	9	US-09-984-345-239	Sequence 239, Appl
40	56.4	81	10	US-09-864-761-40772	Sequence 40772, A
41	56.4	146	9	US-09-890-813-14	Sequence 14, Appl
42	56.4	151	10	US-09-840-787-1	Sequence 1, Appl
43	56.4	182	10	US-09-815-242-5588	Sequence 5588, Appl
44	56.4	188	10	US-09-815-242-12426	Sequence 12426, A
45	56.4	188	10	US-09-815-242-12773	Sequence 12773, A

ALIGNMENTS

RESULT 1
US-09-925-299-896
Sequence 896, Appl 1, Local, pos, US/09-925-299
Patent No. US20020055627A1
GENERAL INFORMATION:
APPLICANT: Kosch et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: P4102
CURRENT APPLICATION NUMBER: US/09/425,009
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05883
PRIOR FILING DATE: 2000-03-08
PCT APPLICATION NUMBER: 65/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1556
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 896
LENGTH: 635
TYPE: PRT
ORGANISM: Homo sapiens
US-09-925-299-896

Query Match 100.0% Score 55; DB 10; length 635;
Best Local Similarity 100.0%, Prod. No. 0.015;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ELMRLQDYEE 11
VL 100 ELMRLQDYEE 405

RESULT 2
US-09-864-761-44065
Sequence 44065, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR GENE EXPRESSION ANALYSIS BY MICROARRAY

FILE REFERENCE: Acomica-X 1
 CURRENT APPLICATION NUMBER: US/09/864.761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180.312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207.456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632.366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236.359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234.687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608.408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774.203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
 SEQ ID NO 44065
 LENGTH: 57
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AC006195.1
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.2
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.2
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 7.6
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.4
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.1
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.1
 OTHER INFORMATION: SWISSPROT HIT: P55092, EVALU6 4.60e-00
 US 09-864-761-44065

Query Match: 70.9%; Score 39; DB 10; Length 57;
 Best Local Similarity: 72.7%; Pred. No. 0.9;
 Matches: 8; Conservative: 2; Mismatches: 1; Indels: 0; Gaps: 0;

QY 1 ELMRLQDYE 11
 111111111
 DB 18 ELLVDLQDYE 28

RESULT 3

US 09-828-313-33
 Sequence 33, Application US/09/828.313
 Patent No. US20020059662A1
 GENERAL INFORMATION:
 APPLICANT: COSTA e SILVA, OSWALDO DA
 APPLICANT: BOHNER, HANS J.
 APPLICANT: THIELEN, NOCHA VAN

APPLICANT: CHEN, ROUYING
 APPLICANT: SARRIA-MILLAN, RODRIGO
 TITLE OF INVENTION: PROTEIN KINASE STRESS-RELATED PROTEINS AND METHODS OF
 TITLE OF INVENTION: USE IN PLANTS
 FILE REFERENCE: 16313-0032
 CURRENT APPLICATION NUMBER: US/09/828.313
 CURRENT FILING DATE: 2001-04-06
 PRIOR APPLICATION NUMBER: 60/196.001
 PRIOR FILING DATE: 2000-04-07
 NUMBER OF SEQ ID NOS: 128
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 33
 LENGTH: 333
 TYPE: PRT
 ORGANISM: Physcomitrella patens
 US-09-828-313-33

Query Match: 61.8%; Score 34; DB 10; Length 333;
 Best Local Similarity: 60.0%; Pred. No. 45;
 Matches: 6; Conservative: 3; Mismatches: 1; Indels: 0; Gaps: 0;

QY 1 ELMRLQDYE 10
 111111111
 DB 196 ELLVDLQDYE 205

RESULT 4

US-09-863-475A-8
 Sequence 8, Application US/09863475A
 Patent No. US20020102688A1
 GENERAL INFORMATION:
 APPLICANT: LOWE, JOHN B.

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
 OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
 GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
 OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURE

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, MACLELLAND, MATER & NEUSTADT,
 P.C.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA: US/09/863.475A

FILING DATE: 24-May-2001

CLASSIFICATION: Unknown

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/914,281

FILING DATE: 20-JUL-1992

ATTORNEY/AGENT INFORMATION:

NAME: Cavalleye, Jean-Paul M. P.

REGISTRATION NUMBER: 41,451

REFERENCE/DOCKET NUMBER: 2363-060-55

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703)521-4500

TELEFAX: (703)486-2347

TELEX: 248855 OPAT UR

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 405 amino acids

TYPE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 8:

US-09-863-475A-8

Query Match 61.8% Score 34; DB 10; Length 405;
 Best Local Similarity 63.6% Pred. No. 56;
 Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 ELMRLQDYEE 11
 DB 137 EVDRLVDYEE 147

RESULT 5

US-09-864-761-45608
 ; Sequence 45608, Application US/09864761
 ; Patent No. US20030048763A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Penn, Sharon G.
 ; APPLICANT: Rank, David R.
 ; APPLICANT: Hanzel, David K.
 ; APPLICANT: Chen, Wensheng
 ; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEOTIC ACID PROBES USEFUL FOR
 ; FILE REFERENCE: Amino-X-1
 ; CURRENT FILING DATE: 2001-05-23
 ; PRIOR FILING DATE: 2001-05-23
 ; PRIOR APPLICATION NUMBER: US 60/180,312
 ; PRIOR FILING DATE: 2000-02-04
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: US 09/632,366
 ; PRIOR FILING DATE: 2000-08-04
 ; PRIOR APPLICATION NUMBER: US 24,253.5
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 09/608,408
 ; PRIOR FILING DATE: 2000-06-30
 ; PRIOR APPLICATION NUMBER: US 09/774,203
 ; PRIOR FILING DATE: 2001-01-29
 ; NUMBER OF SEQ ID NOS: 49117
 ; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
 ; SEQ ID NO 45608
 ; LENGTH: 46
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; OTHER INFORMATION: MAP TO A-000155.3
 ; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.65
 ; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.62
 ; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.94
 ; OTHER INFORMATION: EST_HUMAN HIT: A1138321.1, EVALUO 5.00e-11
 ; OTHER INFORMATION: SWISSPROT HIT: P45891, EVALUO 8.20e-00

US-09-864-761-45608

Query Match 60.0% Score 33; DB 10; Length 46;
 Best Local Similarity 60.0% Pred. No. 86;
 Matches 6; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2 LMLRLQDYEE 11
 DB 34 LMLELRNVEE 43

RESULT 6

US-09-947-442-2
 ; Sequence 2, Application US/09947442
 ; Patent No. US20020052486A1
 ; GENERAL INFORMATION:
 ; APPLICANT: BATHE, BRIGITTE
 ; APPLICANT: SCHROEDER, INDRA
 ; APPLICANT: PEPPERLE, WALTER
 ; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES WITH HIGH PAF THE GPMB-GENE
 ; FILE REFERENCE: 213067USOX
 ; CURRENT FILING DATE: 2001-09-07
 ; PRIOR FILING DATE: 2000-09-09
 ; PRIOR APPLICATION NUMBER: DE 10134668.3
 ; PRIOR FILING DATE: 2001-07-11
 ; NUMBER OF SEQ ID NOS: 4
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 2
 ; LENGTH: 235
 ; TYPE: PRT
 ; ORGANISM: Corynebacterium glutamicum
 ; US-09-947-442-2

Query Match 60.0% Score 33; DB 10; Length 235;
 Best Local Similarity 54.5% Pred. No. 48;
 Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 LMLRLQDYEE 11
 DB 135 ELMVSLDDWDE 145

RESULT 7

US-09-738-626-6077
 ; Sequence 6077, Application US/09738626
 ; Publication No. US20020197605A1
 ; GENERAL INFORMATION:
 ; APPLICANT: NAKAGAWA, SATOSHI
 ; APPLICANT: MIZOGUCHI, HIROSHI
 ; APPLICANT: ANDO, SEIKO
 ; APPLICANT: HAYASHI, MIKIO
 ; APPLICANT: OCHIAI, KEIKO
 ; APPLICANT: YOKOI, HARUHIKO
 ; APPLICANT: TATEISHI, NAKKO
 ; APPLICANT: SENOH, AKIHIRO
 ; APPLICANT: IKEDA, MASATO
 ; APPLICANT: OKAKI, AKIO
 ; TITLE OF INVENTION: N-VEL P-GLYNYLLEPTIDES
 ; FILE REFERENCE: 249-125
 ; CURRENT FILING DATE: 2000-12-18
 ; PRIOR APPLICATION NUMBER: US/09/738,626
 ; PRIOR FILING DATE: 1999-12-16
 ; PRIOR APPLICATION NUMBER: JP 00/377484
 ; PRIOR FILING DATE: 2000-04-07
 ; PRIOR APPLICATION NUMBER: JP 00/280988
 ; PRIOR FILING DATE: 2000-08-03
 ; NUMBER OF SEQ ID NOS: 7059
 ; SOFTWARE: PatentIn ver. 3.0
 ; SEQ ID NO 6077
 ; LENGTH: 236

TYPE: PRT
ORGANISM: Corynebacterium glutamicum
US-09-738-626-6077

Query Match 60.0% Score 33, DB 9, Length 236,
Best Local Similarity 54.5% Pred. No. 48,
Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 1 ELMLRLQDYEE 11
||| | | | |
DB 135 ELMSVLSLDWDE 145

RESULT 8

US-10-025-187-2
Sequence 2, Application US/10025187
Patent No. US2002015003A1
GENERAL INFORMATION:
APPLICANT: SHEFFIELD, VAL
APPLICANT: NISHIMURA, DARRYL
APPLICANT: STONE, EDWARD
TITLE OF INVENTION: A HARDENED SUSCEPTIBILITY GENE AND USES THEREOF
FILE REFERENCE: IOWA-03405
CURRENT APPLICATION NUMBER: US/10/025,187
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: 60/256,900
PRIOR FILING DATE: 2000-12-19
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 2
LENGTH: 721
TYPE: PRT
ORGANISM: Homo sapiens
US-10-025-187-2

Query Match 60.0% Score 33, DB 12, Length 721,
Best Local Similarity 60.0% Pred. No. 1,5e+02;
Matches 6; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2 LMLRLQDYEE 11
| | | | | | |
DB 348 LLELRNVEE 357

RESULT 9

US-09-904-536-20
Sequence 20, Application US/0994536
Patent No. US20020111475A1
GENERAL INFORMATION:
APPLICANT: McGraw, Jeffrey T.
APPLICANT: Graddis, Thomas J.
TITLE OF INVENTION: FLI-1 MUTANTS AND METHODS OF USE
FILE REFERENCE: 03260.0028
CURRENT APPLICATION NUMBER: US/09/904,536
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: PRI-6 APPLICATION: 60/109,100
PRIOR FILING DATE: 1999-07-02
NUMBER OF SEQ ID NOS: 20
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 20
LENGTH: 149
TYPE: PRT
ORGANISM: Homo sapiens
US-09-904-536-20

Query Match 59.1% Score 32.5; DB 10, Length 149,
Best Local Similarity 56.2% Pred. No. 36;
Matches 9; Conservative 1; Mismatches 1; Indels 5; Gaps 1;

QY 1 ELMLRLQDYEE 11
| | | | | | |
DB 82 ELMSVLSLDWDE 97

RESULT 10

US-09-745-763-4
Sequence 4, Application US/09745763
Patent No. US20020065394A1
GENERAL INFORMATION:
APPLICANT: Jacobs, Kenneth
McGraw, John M.
LaVallio, Edward R.
Collins-Racie, Lisa A.
Evans, Cheryl
Merberg, David
Treacy, Maurice
Spaulding, Vikki
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
NUMBER OF SEQUENCES: 219
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: U S A.
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/09/745,763
APPLICATION NUMBER: US/09/745,763
FILING DATE: 18-Jun-2000
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sprunger, Suzanne A.
REGISTRATION NUMBER: 41,323
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 498-8284
TELEFAX: (617) 876-5851
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 216 amino acids
TYPE: amino acid
STRANDEDNESS: <Unknown>
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-745-763-4

Query Match 58.2% Score 32; DB 10; Length 216;
Best Local Similarity 75.0% Pred. No. 66;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 4 LRLQDYEE 11
| | | | | | |
DB -02 LRLQDYEE 209

RESULT 11

US-09-865-960-2
Sequence 2, Application US/09865960
Publication No. US20020192785A1
GENERAL INFORMATION:
APPLICANT: Hart, Matthew J.
TITLE OF INVENTION: No US20020192785A1 Nucleic Acids and Polypeptides Related t
FILE REFERENCE: Exchange Factor of PflO 57pase
FILE REFERENCE: GNYX1023-DIV1
CURRENT APPLICATION NUMBER: US/09/865,960
CURRENT FILING DATE: 2002-05-15
PRIOR APPLICATION NUMBER: US 08/943,768
PRIOR FILING DATE: 1997-10-06
PRIOR APPLICATION NUMBER: US 60/029,979
PRIOR FILING DATE: 1996-11-06

? NUMBER OF SEQ ID NOS: 12
 ? SOFTWARE: Patent in version 3.1
 ? SEQ ID NO 2
 ? LENGTH: 912
 ? TYPE: PRT
 ? ORGANISM: Human p15 GEF-RHO gene
 ? FEATURE:
 US-09-865-960-2

 Query Match 58.2%, Score 32, DB 9, Length 912,
 Best Local Similarity 60.0%, Pred. No. 4e+02;
 Matches 6, Conservative 3, Mismatches 1, Indels 0, Gaps 0.

 QY 1 ELMRLQDYE 10
 Db 610 EDLLRLKDYQ 619

 RESULT 12
 US-09-888-615-64
 ? Sequence 64, Application US/09888615
 ? Patent No. US20020064856A1
 ? GENERAL INFORMATION:
 ? APPLICANT: FLOWMAN, GREGORY
 ? APPLICANT: WHYTE, DAVID
 ? APPLICANT: CAENEPEEL, SHAN
 ? APPLICANT: CHAPYDZAR, GLEN
 ? APPLICANT: MANNING, GERALD
 ? APPLICANT: SUDARSANAM, SIBITHA
 ? TITLE OF INVENTION: NOVEL PROTEASES
 ? FILE REFERENCE: 038602/1214
 ? CURRENT APPLICATION NUMBER: US/09/888,615
 ? PRIOR FILING DATE: 2001-06-26
 ? PRIOR APPLICATION NUMBER: 60/214,047
 ? NUMBER OF SEQ ID NOS: 150
 ? SOFTWARE: Patent in Ver. 2.1
 ? SEQ ID NO 64
 ? LENGTH: 3353
 ? TYPE: PRT
 ? ORGANISM: Homo sapiens
 ? FEATURE:
 ? NAME/KEY: MCD_RES
 ? LOCATION: (1891)
 ? OTHER INFORMATION: Any amino acid
 US-09-888-615-64

Query Match 58.2%, Score 32, DB 10, Length 3353;
 Best Local Similarity 62.5%, Pred. No. 1.2e+03;
 Matches 5, Conservative 2, Mismatches 1, Indels 0, Gaps 0;

QY 4 LRLQDYE 11
 Db 1523 IRIDYEE 1530

RESULT 13
 US-09-864-761-48038
 ? Sequence 48038, Application US/09864761
 ? Patent No. US20020048763A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Penn, Sharron G.
 ? APPLICANT: Rank, David R.
 ? APPLICANT: Hanzel, David K.
 ? APPLICANT: Chen, Wensheng
 ? TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ? FILE REFERENCE: Aecmca-X-1
 ? CURRENT APPLICATION NUMBER: US/09/864,761
 ? PRIOR FILING DATE: 2001-05-23
 ? PRIOR APPLICATION NUMBER: US 60/180,312
 ? PRIOR FILING DATE: 2000-05-04
 ? PRIOR APPLICATION NUMBER: US 60/207,456

? PRIOR FILING DATE: 2000-05-26
 ? PRIOR APPLICATION NUMBER: US 09/632,366
 ? PRIOR FILING DATE: 2000-08-03
 ? PRIOR APPLICATION NUMBER: GB 24263.6
 ? PRIOR FILING DATE: 2000-10-04
 ? PRIOR APPLICATION NUMBER: US 60/236,359
 ? PRIOR FILING DATE: 2000-09-27
 ? PRIOR APPLICATION NUMBER: PCT/US01/00666
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00667
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00664
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00669
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00665
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00668
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00663
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00662
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00661
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: PCT/US01/00670
 ? PRIOR FILING DATE: 2001-01-30
 ? PRIOR APPLICATION NUMBER: US 60/234,687
 ? PRIOR FILING DATE: 2000-09-21
 ? PRIOR APPLICATION NUMBER: US 09/608,408
 ? PRIOR FILING DATE: 2000-06-30
 ? PRIOR APPLICATION NUMBER: US 09/774,203
 ? PRIOR FILING DATE: 2001-01-29
 ? NUMBER OF SEQ ID NOS: 49117
 ? SOFTWARE: Asnchmax Sequence Listing Engine vers. 1.1
 ? SEQ ID NO 48038
 ? LENGTH: 39
 ? TYPE: PRT
 ? ORGANISM: Homo sapiens
 ? FEATURE:
 ? OTHER INFORMATION: MAP TO AC009966.2
 ? OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.9
 US-09-864-761-48038

Query Match 56.4%, Score 31, DB 10, Length 39;
 Best Local Similarity 75.0%, Pred. No. 17;
 Matches 6, Conservative 2, Mismatches 0, Indels 0, Gaps 0;

QY 1 ELMRLQD 8
 Db 11 EVMLRLD 18

RESULT 14
 US-09-864-761-34751
 ? Sequence 34751, Application US/09864761
 ? Patent No. US20020048763A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Penn, Sharron G.
 ? APPLICANT: Rank, David R.
 ? APPLICANT: Hanzel, David K.
 ? APPLICANT: Chen, Wensheng

? TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 ? FILE REFERENCE: Aecmca-X-1
 ? CURRENT APPLICATION NUMBER: US/09/864,761
 ? PRIOR FILING DATE: 2001-05-23
 ? PRIOR APPLICATION NUMBER: US 60/180,312
 ? PRIOR FILING DATE: 2000-02-04
 ? PRIOR APPLICATION NUMBER: US 60/207,456
 ? PRIOR FILING DATE: 2000-05-06
 ? PRIOR APPLICATION NUMBER: US 09/632,366
 ? PRIOR FILING DATE: 2000-08-03

PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608,408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
 SEQ ID NO 34751
 LENGTH: 81
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AP000352.2
 OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL - 6.3
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL - 9.3
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL - 5.4
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL - 4.9
 OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL - 6.7
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL - 4.3
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL - 5
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL - 8.2
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL - 4.5
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL - 9.9
 OTHER INFORMATION: SWISSPROT HIT: Q9Y610, EVALUATE 2.00e-39
 OTHER INFORMATION: EST_HUMAN HIT: A01208.92.1, EVALUATE 4.80e+00
 US 09-864-761-34751

Query Match 56.4%; Score 31; DB 10; Length 81;
 Best Local Similarity 55.6%; Pred. No. 36;
 Matches 5; Conservative 3; Mismatches 1; Indels 1; Gaps 0;

QY 3 MRLMDYDVE 11
 DB 3 LRLMDYDQ 11

RESULT 15

US 09-864-761-34118
 Sequence 34118, Application US/09864761
 Patient No. US20020048763A1
 GENERAL INFORMATION:
 APPLICANT: Penn, Sharron G.
 APPLICANT: Rank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wenlong
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
 FILE REFERENCE: Aemica-X-1

CURRENT APPLICATION NUMBER: US 09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608,408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
 SEQ ID NO 34118
 LENGTH: 86
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 OTHER INFORMATION: MAP TO AP000154.1
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL - 1.2
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL - 1.6
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL - 1.5
 OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL - 1.4
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL - 1.4
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL - 2.2
 OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL - 1.7
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL - 3.1
 OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL - 2
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL - 1.1
 OTHER INFORMATION: EST_HUMAN HIT: A0114258.1, EVALUATE 5.00e-27
 OTHER INFORMATION: SWISSPROT HIT: Q63470, EVALUATE 5.00e-28
 US 09-864-761-34118

Query Match 56.4%; Score 31; DB 10; Length 86;
 Best Local Similarity 50.0%; Pred. No. 48;
 Matches 5; Conservative 4; Mismatches 1; Indels 1; Gaps 0;

QY 1 ELMRLQDYE 10
 DB 25 DLRLMDYD 34

Search completed: January 16, 2003, 17:00:09
 Job time : 7.75714 secs